

# Amar Fuel

An Advance & Automated ERP Software  
A Smart Solution For Smart Fuel Station

**SHAH X CONNECT** IS A POWERFUL MODERN FORECOURT  
CONTROLLER FOR PROVISION OF CONTROL OVER:

- PETROLEUM, LPG AND CNG DISPENSERS
- AUTOMATIC TANK GAUGE SYSTEMS AND PROBES
- PRICE SIGNS
- RFID READERS

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## DETAILS

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**ConnectX knows communication protocols of a great variety of dispensers, ATG systems and probes, price boards and readers allowing to control over any of them in a common way regardless of the brand or communication protocol used, so using the ConnectX controller any management system (POS system, OPT, mobile application) can use a common way for provision of control over any supported brands in the same way. ConnectX controller leads internal database for pumps sales and tanks measurements, it allows to generate reports using a web browser and also can automatically upload all the registered records to any cloud server, allowing to easily remotely receive all detailed reports from the petrol stations and petroleum depots.**

Products' Name	Technical Specification	Product's Picture	Price/ Unit In BDT
Dual Nozzle 2G	Capacity: Unlimited Offline Record: 6000 Tran Nozzle: 2 OR 1 Dispenser Live Sell: Yes Support RFID <b>Support Bluetooth Printer</b> Wi-Fi Online API <b>Wi-Fi Range: 200M</b>		35,000 BDT * 4
AmarFuel Forecourt	Capacity: Unlimited Offline Record: 6000 Live Sell: Yes Nozzle: 2 Nozzle <b>ATG: 1 Tank</b> <b>Sensor: Gas Leakage Alert</b> <b>Support Bluetooth / Wi-Fi Printer</b> <b>Wi-Fi / 2G / 4G / LAN</b> <b>Online API + Offline API</b> <b>RFID + QR Code</b> <b>Wi-Fi Range: 300M</b> MODBUS RS485/RS422 Server Full Network Support		50,000 BDT
LPG Level	20,000 Liter Tank		20,000 BDT
Domain	Heron.amarfuel.com		2,500 BDT/ Year
Server	2 GB BDIX Server NVMe		1,000 BDT / Month
Software	Nozzle Data Read & Maintain		25,000 (Free)
Software Upgrade	Product's Sales Stock In / Out Tank Stock In / Out Tank Stock Report Credit Customers Report Daily Report Stock Report Shift Closing Report		25,000 BDT

	LPG Integration		
<b>Total</b>			2,63,500
		<b>Discount</b>	45,000 BDT 10,000 BDT
		<b>Paid</b>	50,000 BDT 35,000 BDT
		Payable	1,23,500 BDT

No. Of Device		Service Charge Per Fuel /Gas Station		Service (5 free Service After sell for 3 months)
		Monthly	Yearly	
1	1-5 (Only POS)	1000	12,000	1000
2	1-5	2500	26,000	1000
3	6-14	3500	38,000	1000
4	15+	6500	74,000	1000

## Software Specification

- Monitor Daily Sales
- Nozzle Monitoring
- Sales Receipts to Customer
- Dashboard to monitor their history

## Hardware Specification

- Support up to 2 Nozzle Dispensers
- Support RFID readers

- Support Fingerprint scanner
- Support Bluetooth / Wi-Fi Printer
- Support Price Board
- Range Wi-Fi Long (200M+)
- Able to work automatically standalone.
- Nozzle base Live Sell (Live Sell may not Work in 1000 TK Server Package)
- Network Monitoring

## Security Specification

- Strong authentication mechanisms to ensure that only authorized devices and users can access our API. Consider using technologies **OAuth 2.0** for authentication and role-based access control (RBAC) for authorization.
- Secure communication channels such as **HTTPS** (HTTP over TLS) to prevent data interception and man-in-the-middle attacks.
- **Firmware and Software Updates:** Regularly update the firmware and software of devices to patch vulnerabilities and improve security.
- **API Versioning:** Use versioning in your API to maintain backward compatibility while introducing security enhancements in newer versions.
- Encrypt data transmitted over the API using protocols TLS (Transport Layer Security) to prevent eavesdropping and data tampering during transit.

## Terms & Condition:

- 1) Device warranty will be valid for 24 months for any kind of manufacturing fault and Service warranty 3 years from the date of successful installation for above mentioned product.
- 2) This work order is made on the assumption that as an expert is providing the most suitable device at a fair price and will ensure 100% data security.
- 3) Payment of 4 devices will be made in advance with adjustment of Advance of Tk. 50,000 paid on 9 July '23.
- 4) Remaining balance of Tk. 1,23,500 will be paid upon completion and delivery of device and Software.
- 5) The software must include features such as: #log-in system for individual, #Shift Opening System, #Date range wise Total Sales report with filter in header, Header can be date, Nozzle

number, Octane, Diesel, Shift, Amount, Ltr, Etc, #History of sales.

6) For any minimum modification, Amar Fuel will support us on a payment base.

7) Payment should be done by A/C Payee Cheque or Cash.

8) Monthly maintenance fee of the software for 4 devices will be Tk. 1000 will be applicable after installation for 1 year.

9) Amar Fuel uses fuel dispensers as part of its operations. However, Amar Fuel will not take responsibility for any faults, defects, or issues related to the fuel dispensers. It is the customer's responsibility to ensure the proper use and safety of the fuel dispensers. Amar Fuel will not provide any compensation or damages for any issues arising from the use of the fuel dispensers.



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Amar Fuel.

Heron Rashid,  
Managing Director,  
M/S SHAMSU LPG & FILLING STATION